

11-26-01

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Patent

Attorney Docket: 265/084

To: Commissioner for Patents
Box Patent Application
Washington, D.C. 20231

jc997 U.S. PTO
09/993375**NEW APPLICATION TRANSMITTAL - UTILITY**

Sir:

Transmitted herewith for filing is a **utility** patent application:

Inventor(s): Mark M. Wang, Eugene Tu, James P. O'Connell, Kristie L. Lykstad,
William F. Butler

Title: METHODS FOR INCREASING DETECTION SENSITIVITY IN OPTICAL
DIELECTRIC SORTING SYSTEMS

I. PAPERS ENCLOSED HERewith FOR FILING UNDER 37 CFR § 1.53(b):

- 51 Page(s) of Written Description
2 Page(s) Claims
1 Page(s) Abstract
19 Sheets of Drawings ☐ Informal ☒ Formal

II. ADDITIONAL PAPERS ENCLOSED IN CONNECTION WITH THIS FILING:

- ☐ Declaration
☐ Power of Attorney ☐ Separate ☐ Combined with Declaration
☐ Assignment to _____ and assignment cover sheet
☐ Certified Copy of Priority Document No(s):
☐ Information Disclosure Statement w/PTO 1449 ☐ Copy of Citations
☐ Preliminary Amendment
☐ Request and Certification under 35 U.S.C. § 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35
☒ Return Postcard
☐ Other:

OC-97021.1

CERTIFICATE OF MAILING
(37 C.F.R. § 1.10)

I hereby certify that this paper (along with any referred to as being attached or enclosed) is being deposited with the United States Postal Service on the date shown below with sufficient postage as 'Express Mail Post Office To Addressee' in an envelope addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.

EV051624380US
Express Mail Label No.

November 14, 2001
Date of Deposit

Denise N. Doss

Name of Person Mailing Paper

Denise N. Doss
Signature of Person Mailing Paper

III. PRIORITY

☐ Priority of application Serial No. _____ filed on _____ in _____ is claimed under 35 U.S.C. § 119.

IV. THE FILING FEE HAS BEEN CALCULATED AS SHOWN BELOW:

☒ Applicant claims small entity status pursuant to 37 CFR § 1.27

BASIC FILING FEE:						\$740.00
Total Claims	7	-	20	=	0 x \$18.00	\$0.00
Independent Claims	1	-	3	=	0 x \$84.00	\$0.00
Multiple Dependent Claims	\$280	(if applicable)			<input type="checkbox"/>	\$0.00
TOTAL OF ABOVE CALCULATIONS						\$740.00
Reduction by ½ for Filing by Small Entity, if applicable, as asserted above. Note 37 CFR §§ 1.9, 1.27, 1.28.						\$370.00
Misc. Filing Fees (Recordation of Assignment -- \$40)						\$0.00
TOTAL FEES TO BE PAID WITH MISSING PARTS SUBMISSION						\$370.00

V. METHOD OF PAYMENT OF FEES

- ☐ A check in the amount of _____.
- ☐ Charge Lyon & Lyon's Deposit Account No. **12-2475** in the amount of _____.
- ☒ This application is being filed without fee or Declaration under 37 CFR § 1.53.

VI. AUTHORIZATION TO CHARGE FEES

The Commissioner is authorized to credit any overpayment and to charge any underpayment to Lyon & Lyon's Deposit Account No. **12-2475** for the following:

- ☐ 37 CFR § 1.16 – (Filing fees and excess claims fees)
- ☐ 37 CFR § 1.17 – (Any application processing fees)
- ☐ 37 CFR § 1.21 – (Assignment recording fees)

VII. CORRESPONDENCE ADDRESS

Please send all correspondence to Customer Number 22249:



22249

PATENT TRADEMARK OFFICE

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Please direct all inquiries to David B. Murphy, at the above customer number.

Respectfully submitted,

LYON & LYON LLP

Dated: November 14, 2001

By: David B. Murphy
David B. Murphy
Reg. No. 31,125